#### CRAWFORD PLLC

## **United States Patent Application**

### COMBINED DECLARATION AND POWER OF ATTORNEY

The tastabelow named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: Method of modifying parameters of user terminal, radio system and user terminal.

modifying parameters of user term	ninal, radio system and user teri	minal.	*	
The specification of which a. is attached hereto b. is entitled Method of modinumber KOLS.071PA (2032110Lc. was filed on 14 November (in the case of a PCT-filed application have reviewed and for which I sol	IS/TLP). 2003 as application serial no. 1 ation) described and claimed in	0/714,418 and was amended		mey docket (if any), which I
I hereby state that I have reviewed by any amendment referred to abo		f the above-identified specifi	cation, including the clai	ims, as amended
I acknowledge the duty to disclose Code of Federal Regulations, § 1.		to the patentability of this ap	oplication in accordance	with Title 37,
I hereby claim foreign priority ber inventor's certificate listed below filing date before that of the applic	and have also identified below	any foreign application for p	foreign application(s) for atent or inventor's certifi	r patent or icate having a
a.  no such applications have be such applications have been		-		
FOR	EIGN APPLICATION(S), IF ANY,	CLAIMING PRIORITY UNDE	R 35 USC § 119	
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSU (day, month, ye	
ALL FOR	EIGN APPLICATION(S), IF ANY,	FILED BEFORE THE PRIORIT	Y APPLICATION(S)	
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSU (day, month, ye	
				·

I hereby claim the benefit under Title 35, United States Code, § 120/365 of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

For Continuation-in-Part (CIP) Applications, complete

U.S. APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS (patented, pending, abandoned)

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

U.S. PROVISIONAL APPLICATION NUMBER	DATE OF FILING (Day, Month, Year)	

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Funk, Steven R. Reg. No. 37,830 Crawford, Robert J. Reg. No. 32,122 Maunu, LeRoy D. Reg. No. 35,274 Hollingsworth, Mark A. Reg. No. 38,491 Curtin, Eric J. Reg. No. 47,511 Davis, Clara Reg. No. 50,495

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Crawford PLLC.

Please direct all correspondence in this case to Crawford PLLC at the address indicated below:

Crawford PLLC 1270 Northland Drive, Suite 390 St. Paul, Minnesota 55120

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2 ·	Full Name Of Inventor	Family Name GUSTAFSSON	First Given Name Patrik		Second Given Name
0	Residence	City	State or Foreign Country Finland		Country of Citizenship Finland
	& Citizenship	Espoo		·	State & Zip Code/Country
1	Post Office	Post Office Address	City	10	Finland
	Address	lirismāki 11	FIN-02230 Espoo	Date:	
Sign	ature of Inventor 2	101: Fell front		Date: 2	1,1,2004
	Full Name	Family Name	First Given Name		Second Given Name
2	Of Inventor	KANGAS	Jouni		
0	Residence	City	State or Foreign Country	. 5	Country of Citizenship
	& Citizenship	Espoo	Finland		Finland
2	Post Office	Post Office Address	City		State & Zip Code/Country
	Address	Malminmäentie 2 J 12	FIN-02280 Espoo		Finland
Sign	ature of Inventor 2	002:		Date:	
2	Full Name Of Inventor	Family Name	First Given Name		Second Given Name
0	Residence & Citizenship	City	State or Foreign Country Countr		Country of Citizenship
3	Post Office Address	Post Office Address	City		State & Zip Code/Country
Sign	ature of Inventor 2	03:		Date:	
2	Full Name Of Inventor	Family Name	First Given Name	`	Second Given Name
0	Residence & Citizenship	City	State or Foreign Country		Country of Citizenship
4	Post Office Address	Post Office Address	City State & Zip Code/Country		State & Zip Code/Country



Signature of Inventor 204:			Date:	
	•	-		

# § 1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
  - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
  - (2) It refutes, or is inconsistent with, a position the applicant takes in:
  - (i) Opposing an argument of unpatentability relied on by the Office, or
  - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
- (1) Each inventor named in the application:
- (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.



#### **CRAWFORD PLLC**

### **United States Patent Application**

# COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: Method of modifying parameters of user terminal, radio system and user terminal.

inal, radio system and user terr	minal.				
S/TLP). 2003 as application serial no. 1 tion) described and claimed in	0/714,418 and was amended or				
	f the above-identified specifica	tion, including the claims, as amended			
	to the patentability of this appl	lication in accordance with Title 37,			
and have also identified below	any foreign application for pate	reign application(s) for patent or ent or inventor's certificate having a			
een filed. n filed as follows:					
EIGN APPLICATION(S), IF ANY,	CLAIMING PRIORITY UNDER 3	35 USC § 119			
COUNTRY APPLICATION NUMBER DATE OF FILING DATE OF ISSUE (day, month, year) (day, month, year)					
EIGN APPLICATION(S), IF ANY,	FILED BEFORE THE PRIORITY	APPLICATION(S)			
APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)			
	fying parameters of user term (S/TLP). 2003 as application serial no. Intion) described and claimed in icit a United States patent.  If and understand the contents of ove.  It is information which is material of (attached hereto).  In the fits under Title 35, United States and have also identified below cation on the basis of which princeen filed.  In filed as follows:  REIGN APPLICATION(S), IF ANY,  APPLICATION NUMBER	2003 as application serial no. 10/714,418 and was amended on ation) described and claimed in international no. filed a licit a United States patent.  If and understand the contents of the above-identified specificative.  It is information which is material to the patentability of this application which is material to the patentability of this application for patentable and have also identified below any foreign application for patentable and have also identified below any foreign application for patentation on the basis of which priority is claimed:    Application number			

I hereby claim the benefit under Title 35, United States Code, § 120/365 of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS (patented, pending, abandoned)
	-	

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

U.S. PROVISIONAL APPLICATION NUMBER	DATE OF FILING (Day, Month, Year)	

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Funk, Steven R. Reg. No. 37,830 Hollingsworth, Mark A. Reg. No. 38,491 Crawford, Robert J. Curtin, Eric J.

Reg. No. 32,122 Reg. No. 47,511 Maunu, LeRoy D. Davis, Clara

Reg. No. 35,274 Reg. No. 50,495

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Crawford PLLC.

Please direct all correspondence in this case to Crawford PLLC at the address indicated below:

Crawford PLLC 1270 Northland Drive, Suite 390 St. Paul, Minnesota 55120

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

	Full Name	Family Name	First Given Name Se		Second Given Name
2	Of Inventor	GUSTAFSSON	Patrik		·
0	Residence	City	State or Foreign Country		Country of Citizenship
	& Citizenship	Espoo	Finland		Finland
1	Post Office	Post Office Address	City		State & Zip Code/Country
	Address	Iirismäki 11	FIN-02230 Espoo		Finland 0
Sign	ature of Inventor 20	D1:	ı.	Date:	
	Full Name	Family Name	First Given Name		Second Given Name
. 2	Of Inventor	KANGAS	Jouni .		Second Given Name
0	Residence	City	State or Foreign Country		Country of Citizenship Finland
	& Citizenship	Espoo	Finland		Finland
2	Post Office	Post Office Address	City		State & Zip Code/Country
	Address	Malminmäentie 2 J <del>12</del> , 18	FIN-02280 Espoo		· · · · · · · · · · · · · · · · · · ·
Signa	ature of Inventor 2	12: Jour Kangas	ı	Date: 30	December 2003
2	Full Name Of Inventor	Family Name	First Given Name		Second Given Name
0	Residence & Citizenship	City	State or Foreign Country Cou		Country of Citizenship
3	Post Office Address	Post Office Address	City		State & Zip Code/Country
Sign	ature of Inventor 2	03:	ſ	Date:	
2	Full Name Of Inventor	Family Name	First Given Name		Second Given Name
0	Residence & Citizenship	City	State or Foreign Country Country of Citizenship		Country of Citizenship
4	Post Office Address	Post Office Address	City State & Zip Code/Country		State & Zip Code/Country

Date:
-------

Signature of Inventor 204:

# § 1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
  - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
  - (2) It refutes, or is inconsistent with, a position the applicant takes in:
  - (i) Opposing an argument of unpatentability relied on by the Office, or
  - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
- (1) Each inventor named in the application:
- (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.